

**FIG. 1**  
**(Prior**

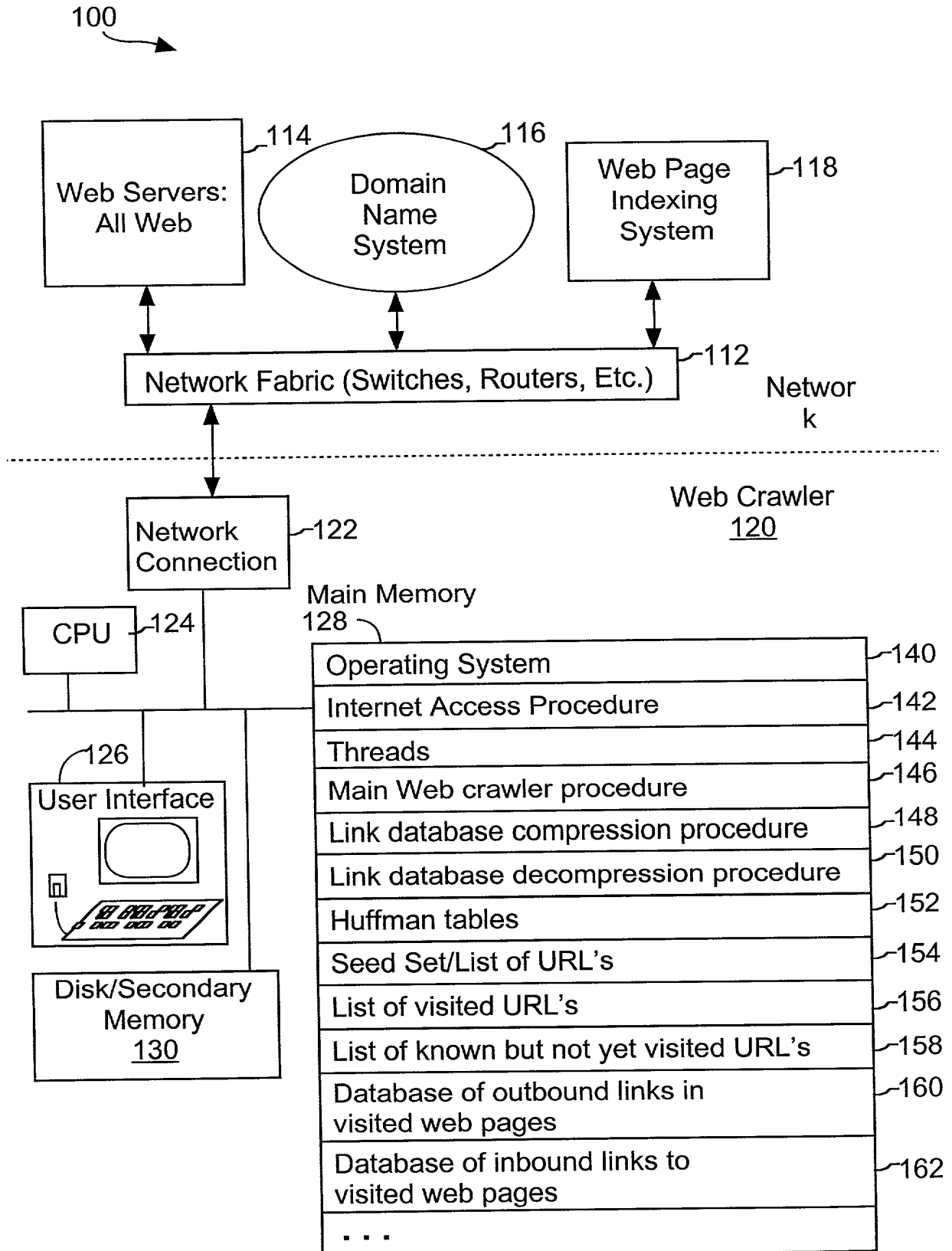


FIG. 2

List of Visited  
URL's

170 URL's of visited pages:

172	URL	ptr
172	URL	ptr
172	URL	ptr
172	URL	ptr
172	URL	ptr
	...	...

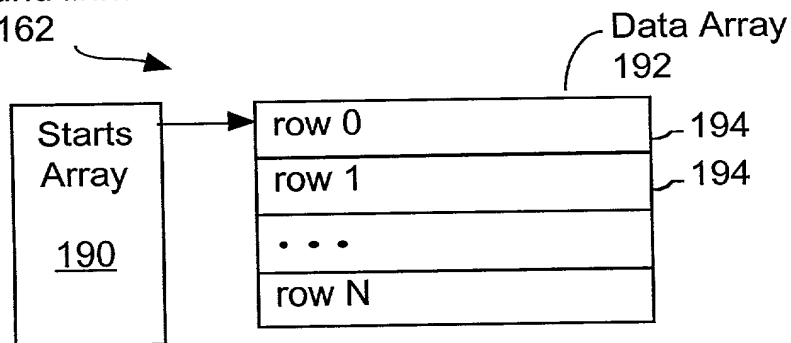
list of URL's in  
outbound links of  
visited page:

URL
URL
...

URL
URL
...

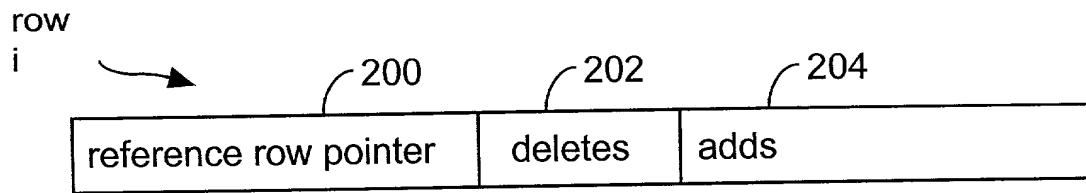
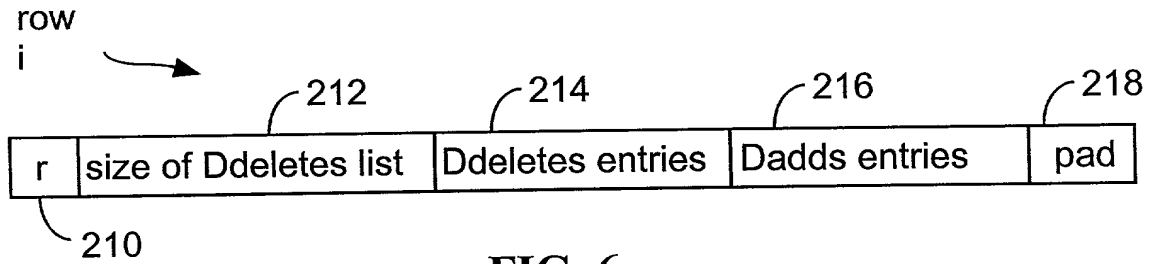
FIG. 3

Database of outbound or  
inbound links  
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FIG. 4

**FIG. 5****FIG. 6**

Web Crawler Procedure  
(performed by each thread)

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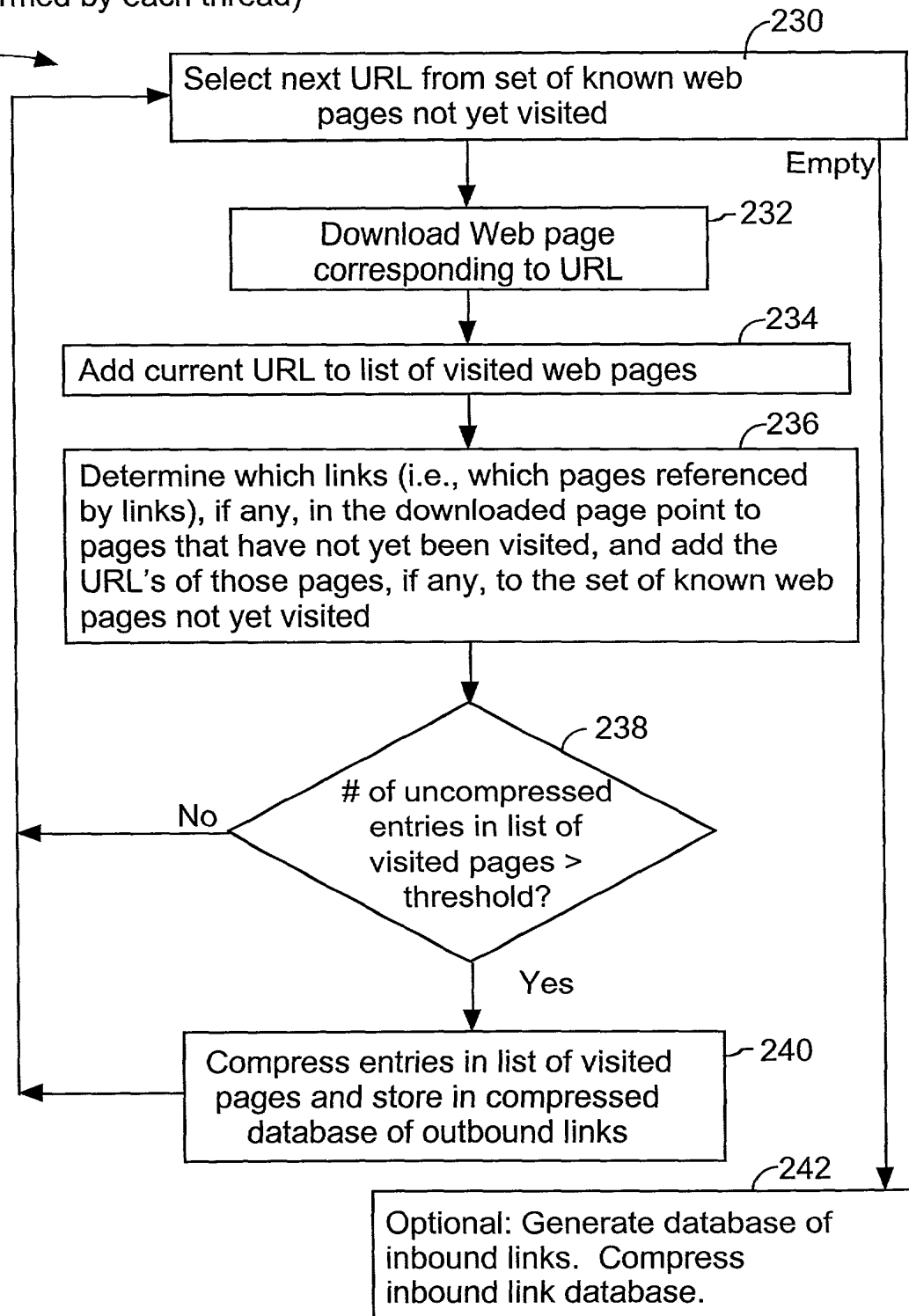


FIG. 7

## Link database compression procedure

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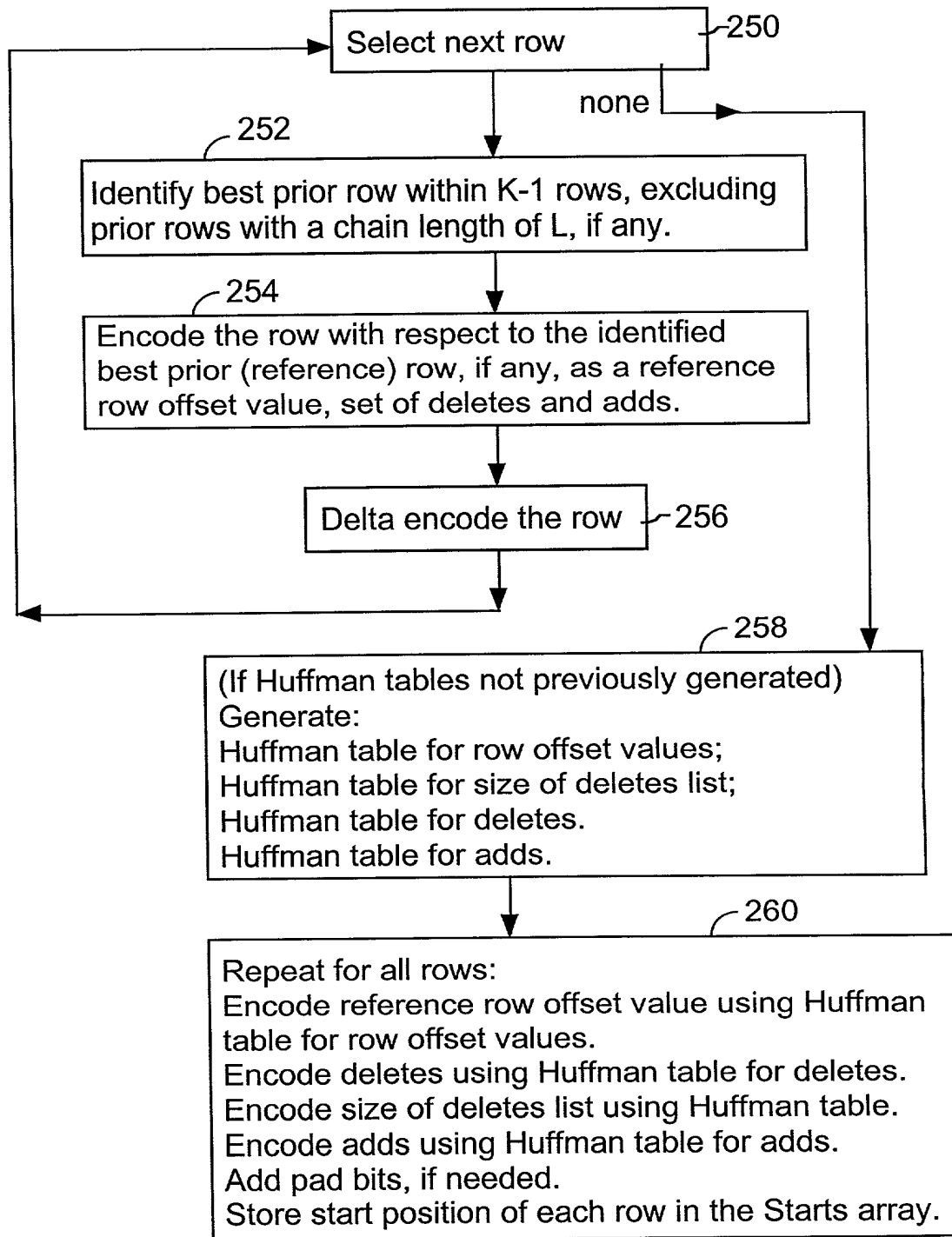
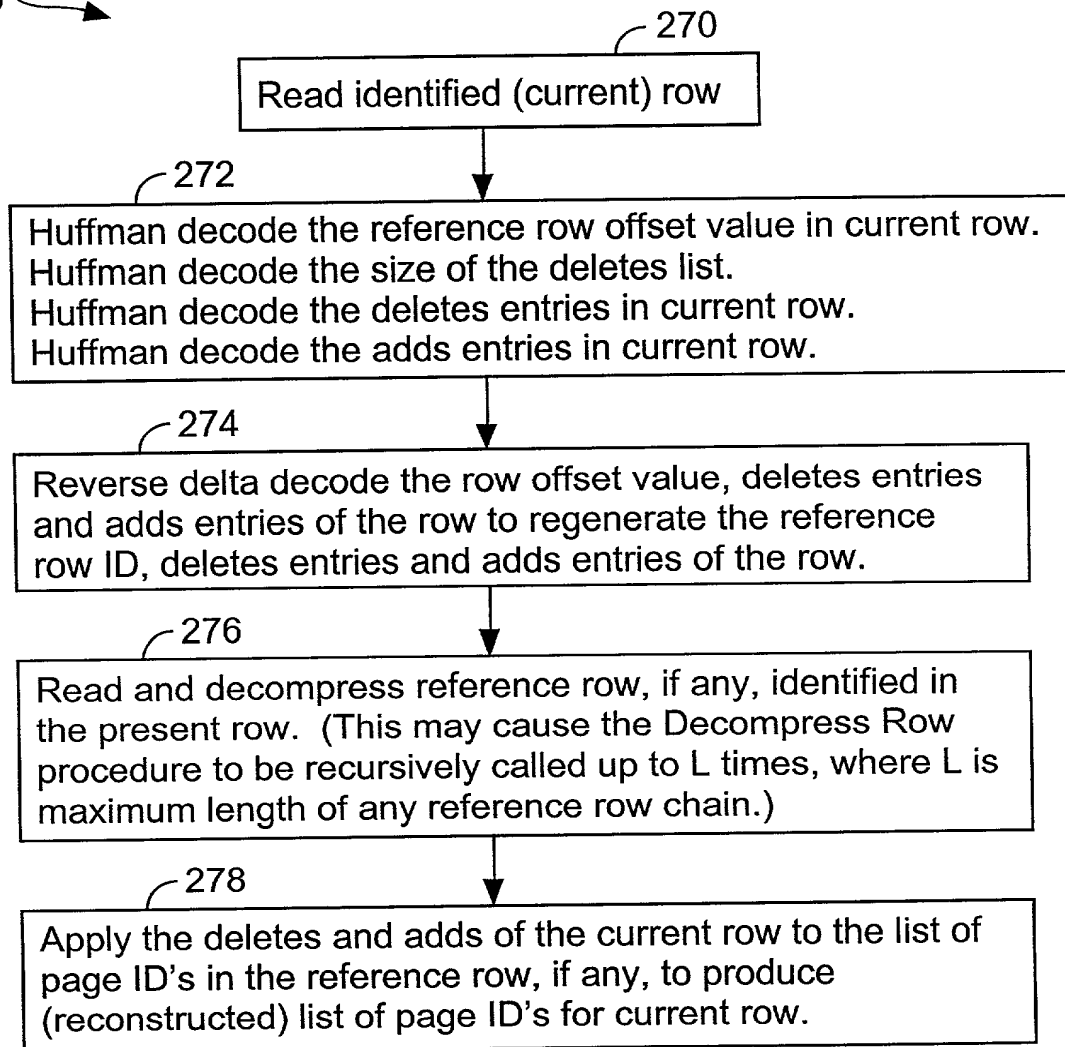


FIG. 8

Decompress Row  
(Link database row decompression procedure)

150 →



**FIG. 9**